

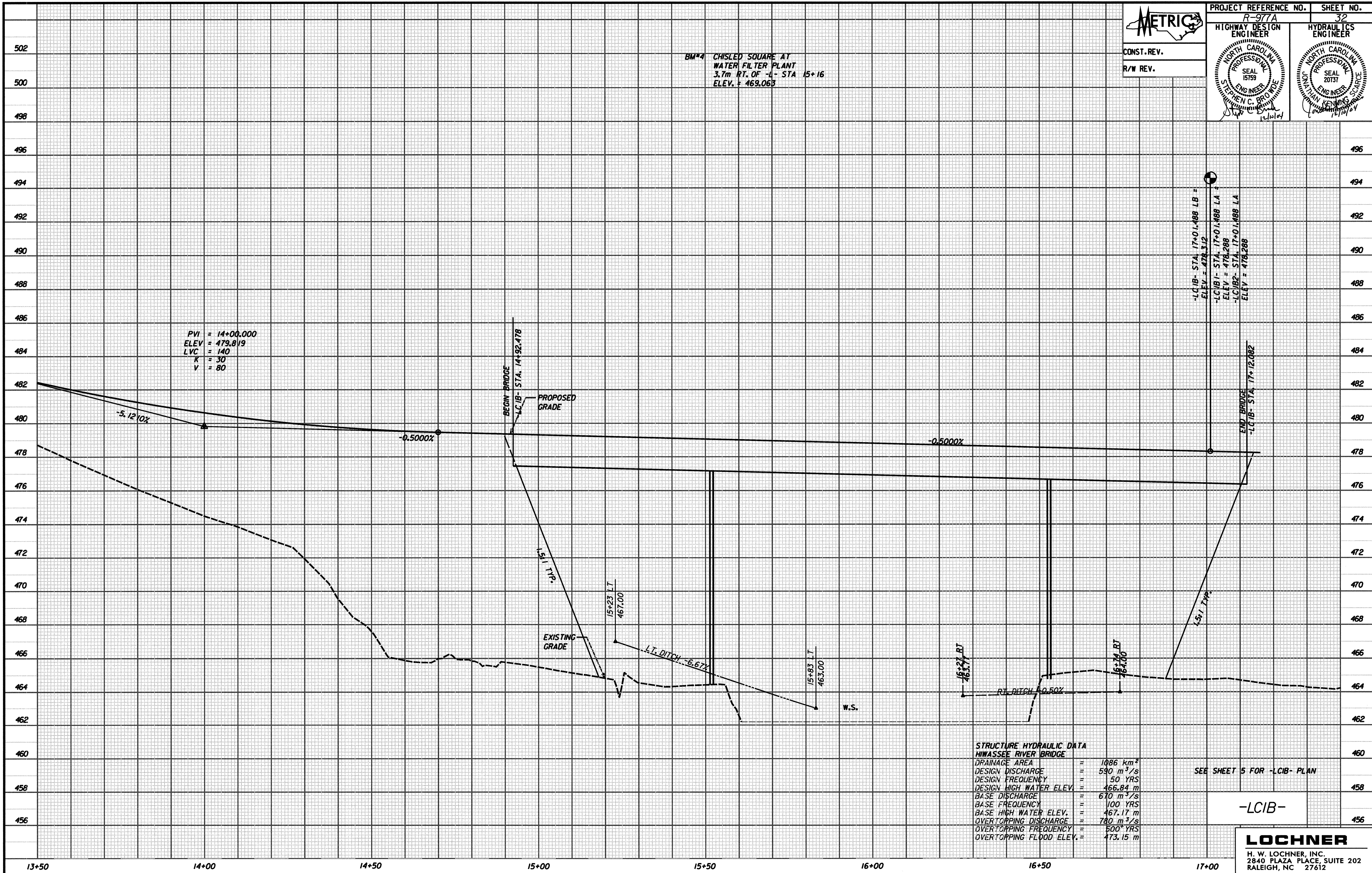


PROJECT REFERENCE NO. R-977A	SHEET NO. 32
HIGHWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CONST. REV.
R/W REV.

BM#4 CHISLED SQUARE AT WATER FILTER PLANT
3.7m RT. OF -L- STA 15+16
ELEV. = 469.063

PVI = 14+00.000
ELEV = 479.819
LVC = 140
K = 30
V = 80



STRUCTURE HYDRAULIC DATA
HINASSEE RIVER BRIDGE

DRAINAGE AREA	=	1086 km ²
DESIGN DISCHARGE	=	590 m ³ /s
DESIGN FREQUENCY	=	50 YRS
DESIGN HIGH WATER ELEV.	=	466.84 m
BASE DISCHARGE	=	670 m ³ /s
BASE FREQUENCY	=	100 YRS
BASE HIGH WATER ELEV.	=	467.17 m
OVERTOPPING DISCHARGE	=	780 m ³ /s
OVERTOPPING FREQUENCY	=	500 YRS
OVERTOPPING FLOOD ELEV.	=	473.15 m

SEE SHEET 5 FOR -LCIB- PLAN

-LCIB-

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